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POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA nautical charts are constructed to exacting standards and are designed to promote safe navigation. Since our waterways are subject to continual change, the National Ocean Service encourages chart users to submit corrections or comments for the improvement of this product to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852. By working together, we can make our activities safer and more enjoyable.

Thomas J. Maginnis
Assistant Administrator for Ocean Services and Coastal Zone Management

Formerly C&GS 1250, 1st Ed., June 1971 (S-1940-53)

SOUNDINGS IN FEET

Nautical Chart Catalog No. 1, Panel B

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NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service stations listed below provide continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Miami, Fla.	KHB-34 162.55 MHz
Key West, Fla.	WNJ-95 162.40 MHz

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

UNITED STATES – GULF COAST
FLORIDA

FLORIDA KEYS
ALLIGATOR REEF TO SOMBRERO KEY

Mercator Projection
Scale 1:80,000 at Lat. 24°32'
North American Datum of 1983 (World Geodetic System 1984)
SOUNDINGS IN FEET AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

COLREGS. International Regulations for Preventing Collisions at Sea, 1972
Demarcation lines are shown thus: — — — —

CAUTION
Overhead power cables run parallel to Highway No. 1 from Tavernier to Big Coppitt Key. All vertical clearances are greater than those of the adjacent fixed bridges. Cables are submerged at favorable spans of drawbridges.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown in-a;
○(Accurate location) ◇(Approximate location)

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

TIDAL INFORMATION
Height referred to datum of soundings (MLLW)

Place	Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
	feet	feet	feet	feet
Alligator Reef Light	2.6	2.1	0.2	-2.0
Boot Key Harbor	2.0	1.7	0.2	-2.0
Flamingo, Florida Bay	2.6	2.3	0.3	-1.5

(1286)

AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers and U.S. Coast Guard.

STORM WARNINGS
The National Weather Service displays storm warnings at the following approximate locations:
Windley Key (24°58.5'-80°38.4')
Islamorada (24°57.1'-80°36.2')
Flamingo (25°08.4'-80°55.4')

HEIGHTS
Heights in feet above Mean High Water.

CAUTION
Improper channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 4 for important supplemental information.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4 & 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Fla., or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Fla.
Refer to charted regulation section numbers.

CAUTION
CHANGES in BUOYAGE
Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

NOTE C
EVERGLADES NATIONAL PARK
PROTECTED AREA, 36 CFR 7.45
The killing, collecting, or molesting of animals, the collecting of plants, and waterskiing are prohibited by Federal regulation.

NOTE D
The daybeacons are privately maintained and positions are approximate.

NOTE B
Numerous daybeacons, marking the channels to Snake Creek and Whale Harbor Channel, are not charted.

NOTE X
The 12 nautical mile territorial sea was established by Presidential Proclamation 5928, December 27, 1988, and is now the outer limit of the U.S. contiguous zone for the application of domestic law. The 3 nautical mile line, previously identified as the outer limit of the territorial sea, remains charted because the proclamation states that it does not alter existing State or Federal law. The 9 nautical mile natural resources boundary off Texas, the Gulf coast of Florida, and Puerto Rico, and the 3 nautical mile line elsewhere remain the inner boundary of the Federal fisheries jurisdiction and the limit of states' jurisdiction under the Submerged Lands Act (P.L. 83-31; 67 Stat. 29, March 22, 1953). These maritime limits are subject to modification, as represented on future charts. The lines shown on the most recent chart edition take precedence.

INTRACOASTAL WATERWAY
See charts 11449 and 11465 for detailed information. The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) and for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.467" northward and 0.726" eastward to agree with this chart.

LORAN-C
GENERAL EXPLANATION

LORAN-C FREQUENCY 100kHz
PULSE REPETITION INTERVAL
7980 ..... 79,800 Microseconds
STATION TYPE DESIGNATORS: (Not individual station letter designators)
M ..... Master
W ..... Secondary
X ..... Secondary
Y ..... Secondary
Z ..... Secondary
EXAMPLE: 7980-Y

Dibbs Key RATES ON THIS CHART
7980-W 7980-Y 7980-Z

The Loran-C correction tables published by the Defense Mapping Agency or others should not be used with this chart. The lines of position shown have been calculated based on survey data. Every effort has been made to meet the ¼ nautical mile accuracy criteria established by U.S. Coast Guard. Mariners, however, are cautioned not to rely solely on the lattices in inshore waters.

LORAN LINEAR INTERPOLATOR
MICROSECONDS

CAUTION
Mariners are cautioned that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

(use charts 11433 and 11451)
(use chart 11451)
(use charts 11451 and 11463)
(use charts 11449 and 11451)

EVERGLADES NATIONAL PARK
(protected area - see note C)

F L O R I D A B A Y

Cape Sable
Middle Cape
East Cape
Lake Ingraham
Flamingo
Christian Pt
Joe Kemp Key
Gibby Pt
Porpoise Pt
Shark Pt
Mosquito Pt
Madeira Bay
Joe Bay
Deer Key
Eagle Key
Pass Key
Tern Keys
Lake Key
Nest Keys
Park Key
Bob Keys
Butternut Key
Manatee Keys
Bottle Key
Sake Key
Pigeon Key
Low Key
Middle Ground
Frank Key
Murray Key
Oyster Keys
Cotton Key
Palm Key
Cormorant Key
Clive Key
Pelican Keys
Jim Foot Key
Roscoe Key
End Key
Buttonwood Keys
Russell Key
Sandy Key
Cast Rose Key
Man of war Key
Chem Key
Dead Torpedo Key
Sid Key
Whitney Key
Coon Key
Corinna Key
Bob Allen Keys
Captain Key
Ozpot Bank
Blue Bank
Schooner Bank
Ninemile Bank
Sprigger Bank
Tripod Bank
Twin Keys
Gopher Keys
Crane Keys
East Key
West Key
Shell Key
Lignumvitae Key
Upper Matecumbe Key
Lower Matecumbe Key
Long Key
Tennessee Reef
ALLIGATOR REEF
Hen and Chickens
Davis Reef
Crocker Reef
Tavernier
Pt Largo
Plantation Key
Cotton Key
Pleasure Pt
Whale Harbor Channel
Snake Creek
Upper Metacumbe Key
Lower Matecumbe Key
Indian Key
Long Key
Channel Key
Bamboo Key
Rachel Bank
Bairrup Key
Bethel Bank
Johns Sweet Bank
Tarpon Bank
Alligator Shoal
Slot Turtle Shoal
Three Nautical Mile Limit
Coastal Boundary
Colregs Demarcation Line
Intracoastal Waterway
Channel
Anchorage
Restricted Area
Obstruction
Submarine Cable
Overhead Cable
Pipeline
Fish Haven
Fish Trap
Fish Stakes
Oyster Bed
Rocks
Shoals
Wreck
Foul Ground
Magnetic Anomaly
Magnetic Compass Rose
Annual Increase
Mangrove
Marsh
Sand
Mud
Coral
Shell
Rock
Sand and Shell
Coral and Rock
Mud and Grass
Sand and Grass
Coral and Grass
Shell and Grass
Rock and Grass
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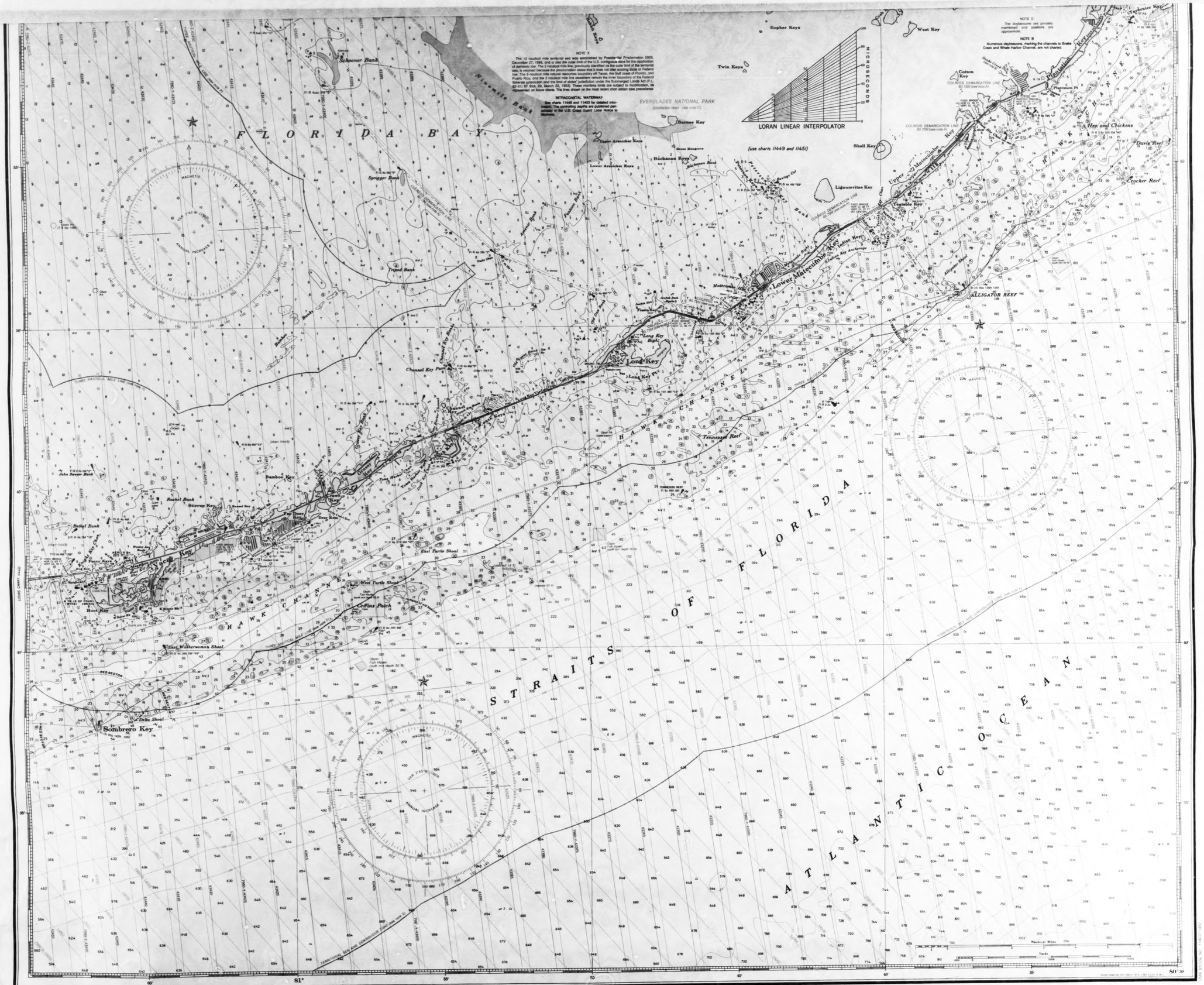

15th Ed., Aug. 5/89 ■

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CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

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